

**CHAPTER 9**  
**LIST OF PREPARERS**

---

---

## 9. LIST OF PREPARERS

### **TIM FRAZIER, U.S. DEPARTMENT OF ENERGY**

#### ***EIS RESPONSIBILITIES:* NEPA DOCUMENT MANAGER**

---

*Education:* M.S., Engineering Systems, Wright State University  
B.S., Biomedical Engineering, Wright State University

*Experience/Technical Specialty:*

Sixteen years. Nuclear weapons component production, decommissioning and decontamination of facilities, disposal of low-level waste, and technology transfer.

### **RAJ SHARMA, U.S. DEPARTMENT OF ENERGY**

#### ***EIS RESPONSIBILITIES:* NEPA COMPLIANCE OFFICER**

---

*Education:* Ph.D., Fishery Biology, Radiation Effects, Utah State University  
M.S., Zoology, Agra University  
B.Sc, Chemistry, Zoology, Botany, Agra University

*Experience/Technical Specialty:*

Thirty-five years. Environmental sciences, regulatory compliance, and NEPA evaluation of nuclear facilities.

### **STEVEN M. MIRSKY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

#### ***EIS RESPONSIBILITIES:* PROJECT MANAGER, CHAPTER 1, APPENDICES A AND E LEAD**

---

*Education:* M.S., Nuclear Engineering, The Pennsylvania State University  
B.S., Mechanical Engineering, Cooper Union  
Professional Engineer (Mechanical, Maryland)

*Experience/Technical Specialty:*

Twenty-nine years. Assistant Vice President (SAIC), safety analysis, nuclear power plant design, operations, foreign nuclear power plant system analysis, accident analysis, thermal hydraulics, and spent nuclear fuel dry storage safety analysis.

**MIKE DEACON, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** CHAPTER 3 AFFECTED ENVIRONMENT

(OAK RIDGE NATIONAL LABORATORY)

---

*Education:* B.S., Environmental Studies, Utah State University  
B.S., Environmental Health, East Tennessee State University

*Experience/Technical Specialty:*  
Fifteen years. Environmental science.

**JOHN A. DiMARZIO, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** CHAPTER 4, APPENDIX B, AND C, ENVIRONMENTAL CONSEQUENCES

LEAD, CUMULATIVE IMPACTS, RESOURCE COMMITMENTS

---

*Education:* M.S., Geology, George Washington University  
B.S., Geology, University of Maryland

*Experience/Technical Specialty:*  
Twenty years. Geology, water resources, and waste management.

**KEVIN T. FOLK, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** INFRASTRUCTURE, GEOLOGY AND SOILS, AND WATER RESOURCES,

APPENDIX F LEAD

---

*Education:* M.S., Environmental Biology, Hood College  
B.A., Geoenvironmental Studies, Shippensburg University

*Experience/Technical Specialty:*  
Fifteen years. Water resources management, NPDES permitting and regulatory analysis, and earth resources and geologic hazards assessment.

**DANIEL W. GALLAGHER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** RADIOLOGICAL IMPACTS, NORMAL OPERATIONS

---

*Education:* M.E., Nuclear Engineering, Rensselaer Polytechnic Institute  
B.S., Nuclear Engineering, Rensselaer Polytechnic Institute

*Experience/Technical Specialty:*  
Twenty-five years. Nuclear engineer, reliability and risk analysis.

**DIANE HARMS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* TECHNICAL EDITING**

---

*Education:* B.F.A., Fine Arts, University of Connecticut

*Experience/Technical Specialty:*

Twenty years. Technical writing and editing.

**DIANA HIRRLINGER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* SUMMARY LEAD**

---

*Education:* M.B.A., Marketing and Organizational Behavior, University of Maryland  
B.S., Conservation of Natural Resources, University of California

*Experience/Technical Specialty:*

Twenty-four years. Nuclear and hazardous waste program analysis and planning, environmental regulatory compliance, and public outreach and intergovernmental interactions.

**ROBERT G. HOFFMAN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* CHAPTER 3 AFFECTED ENVIRONMENT LEAD, LAND USE, AND  
VISUAL RESOURCES**

---

*Education:* B.S., Environmental Resource Management, The Pennsylvania State University

*Experience/Technical Specialty:*

Eighteen years. NEPA compliance, regulatory review, public participation support, and land use planning.

**ROY KARIMI, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* TRANSPORTATION AND RISK ASSESSMENT, APPENDIX D LEAD**

---

*Education:* Sc.D., Nuclear Engineering, Massachusetts Institute of Technology  
N.E., Nuclear Engineering, Massachusetts Institute of Technology  
M.S., Nuclear Engineering, Massachusetts Institute of Technology  
B.Sc., Chemical Engineering, Abadan Institute of Technology

*Experience/Technical Specialty:*

Twenty-eight years. Nuclear power plant safety, risk and reliability analysis, design analysis, criticality analysis, accident analysis, consequence analysis, spent fuel dry storage safety analysis, and probabilistic risk assessments.

**JASPER G. MALTESE, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* RADIOLOGICAL IMPACTS: ACCIDENT ANALYSIS**

---

*Education:* M.S., Operations Research, George Washington University  
B.S., Mathematics, Fairleigh Dickinson University

*Experience/Technical Specialty:*

Forty-one years. NEPA assessments, accident analyses, safety analysis report reviews, facility safety audits, and system reliability analyses.

**MARGARET C. MCGOVERN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* PUBLIC PARTICIPATING FOR SCOPING**

---

*Education:* M.S., Interdisciplinary Studies (Environmental Science), University of Idaho  
B.S., Microbiology, San Diego State University

*Experience/Technical Specialty:*

Fifteen years. Environmental specialist.

**DIANE NEMETH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* CULTURAL RESOURCES**

---

*Education:* M.S., Urban Planning, Columbia University  
B.A., Urban Planning, Miami University

*Experience/Technical Specialty:*

Thirty-two years. Urban planning.

**DOUGLAS A. OUTLAW, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* TECHNICAL EXPERT**

---

*Education:* Ph.D., Nuclear Physics, North Carolina State University  
M.S., Nuclear Physics, North Carolina State University  
B.S., Nuclear Physics, North Carolina State University

*Experience/Technical Specialty:*

Thirty-one years. Nuclear safety.

**ARIS PAPADOPOULOS, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** CHAPTER 2 LEAD, PROJECT DESCRIPTION, ALTERNATIVES,  
PUBLIC HEALTH AND SAFETY, NORMAL OPERATIONS

---

*Education:* M.S., Nuclear Engineering, University of Utah  
B.S., Physics, Hamline University

*Experience/Technical Specialty:*

Thirty-three years. NEPA compliance, safety analysis assessments, regulatory reviews, nuclear facilities safety, radioactive waste management, accident and normal operations, and analysis support.

**JAMES PARHAM, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** MEETING FACILITATOR

---

*Education:* M.P.A., Public Administration, American University  
B.S., Natural Resources/Communications, Ball State

*Experience/Technical Specialty:*

Twenty-eight years. Meeting facilitation.

**WILDA E. PORTNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** TECHNICAL EDITING

---

*Education:* A.A. Business Administration, Frederick Community College

*Experience/Technical Specialty:*

Eighteen years. Technical editing, public outreach.

**JEFFREY J. RIKHOFF, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

**EIS RESPONSIBILITIES:** DEPUTY PROJECT MANAGER, EIS DOCUMENT MANAGER,  
SUPERVISOR OF NONRADIOLOGICAL RESOURCE AREAS

---

*Education:* M.R.P., Regional/Environmental Planning, University of Pennsylvania  
M.S., International Economic Development and Appropriate Technology,  
University of Pennsylvania  
B.A., English, DePauw University

*Experience/Technical Specialty:*

Eighteen years. NEPA compliance, regulatory compliance and permitting, socioeconomics, environmental justice, comprehensive land-use and development planning, and cultural resources.

**JAMES R. SCHINNER, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* ECOLOGICAL RESOURCES**

---

*Education:* Ph.D., Wildlife Management, Michigan State University  
M.S., Zoology, University of Cincinnati  
B.S., Zoology, University of Cincinnati

*Experience/Technical Specialty:*

Thirty-one years. Ecological field assessments, NEPA documentation, and regulatory reviews.

**EDWARD Y. SHUM, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* ENGINEERING SUPPORT, RADIOACTIVE WASTE**

---

*Education:* Ph.D., Environmental and Nuclear Chemistry, Oregon State University  
M.S., Nuclear Chemistry, Oregon State University  
B.S., Chemistry, University of California, Berkeley

*Experience/Technical Specialty:*

Thirty-two years. Licensing, nuclear facilities, spent nuclear fuel, senior safety and environmental project manager, health physics, dose assessments, and decommissioning and emergency planning.

**ALAN TOBLIN, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* RADIOLOGICAL IMPACTS: ACCIDENT ANALYSIS MODELING**

---

*Education:* M.S., Chemical Engineering, University of Maryland  
B.E., Chemical Engineering, The Cooper Union

*Experience/Technical Specialty:*

Thirty-four years. Accident risk analysis.

**TAMMY L. WAY, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* PUBLIC PARTICIPATION**

---

*Education:* B.A., Political Science, Virginia Polytechnic Institute and State University

*Experience/Technical Specialty:*

Sixteen years. NEPA and public participation.

**ROBERT H. WERTH, SCIENCE APPLICATIONS INTERNATIONAL CORPORATION**

***EIS RESPONSIBILITIES:* NOISE ANALYSIS, AIR QUALITY MODELING**

---

*Education:* B.A., Physics, Gordon College

*Experience/Technical Specialty:*

Twenty-nine years. Acoustics and air quality analysis, regulatory reviews, and NEPA documentation.